



Oklahoma Crop Weather

Oklahoma Field Office

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Dry Conditions Persist

December was a dry month, overall, limiting the grazing potential of small grains and pasture as well as reducing the availability of pond water for livestock. The first half of the month was extremely dry and most of the rain received fell during a few storms between Christmas Eve and New Year's Eve. The East Central, South Central and Southeast districts received over an inch of rainfall for the entire month, with the Southeast district receiving 3.07 inches. Temperatures varied widely throughout the month, from a low of zero in the Panhandle to highs into the 80's, with average temperatures in the 30's and 40's. A record high for Oklahoma City of 77 degrees was reported for December 20th. Soil moisture conditions have declined significantly over the past month with 76 percent of topsoil and 70 percent of subsoil rated short to very short.

Soil Moisture Conditions by Percent

Month Ending December 31, 2010

Moisture Rating	Topsoil	Subsoil
Very Short	31	24
Short	45	46
Adequate	22	29
Surplus	2	1

Small Grains: Conditions are rated mostly in the good to fair range for all small grains, with 19 percent of wheat, 12 percent of rye and 13 percent of oats rated poor to very poor. Additional moisture is needed to improve crop conditions and grazing potential. **Wheat** grazed was at 34 percent, eight points ahead of normal. **Rye** grazed was at 65 percent, 16 points ahead of the five-year average. **Oats** grazed was at 13 percent, eight points ahead of normal.

Pasture and Range: Pasture and range conditions for December were rated mostly in the fair to poor range. Due to the dry conditions, 36 percent was rated poor to very poor. Problems with pastures and grasses have caused concerns about hay supplies for the rest of the season.

Livestock: Livestock conditions were rated mostly in the good to fair range and cattle prices continued to be strong. Problems with low pond water levels and limited grazing were reported.

Conditions by Percent

Month Ending December 31, 2010

Item	Very Poor	Poor	Fair	Good	Excellent
Small Grains -					
Winter Wheat	1	18	44	32	5
Rye	4	8	38	47	3
Oats	1	12	67	19	1
Livestock, Pasture and Range -					
Livestock	1	6	45	41	7
Pasture and Range	8	28	45	18	1

Crop Progress by Percent

Month Ending December 31, 2010

Crop and Event	2010	2009	5 Year Average
Wheat -			
Grazed	34	33	26
Rye -			
Grazed	65	62	49
Oats -			
Grazed	13	11	5

Weather for month ending December 31, 2010: Temperatures ranged from 0 degrees at Kenton on Friday, December 31st, to 83 degrees at Hollis on Wednesday, December 15th and at Waurika on Monday, December 20th. Precipitation ranged from 0.09 of an inch in the Southwest district to 3.07 inches in the Southeast district. Soil temperature averages ranged from 32 degrees at Hinton on Sunday, December 26th and at Claremore on Monday, December 27th, to 56 degrees at Antlers on Thursday, December 30th.

Mesonet Temperature and Precipitation Data

Month Ending December 31, 2010

District	Temperature			Precipitation			
	High	Low	Average	This Month Dec 1 to Dec 31	September 1, 2010 to January 2, 2011		
					Total	Departure from Normal	Percent of Normal
	Degrees	Degrees	Degrees	Inches	Inches	Inches	Percent
Panhandle	50	23	36	0.34	3.69	-1.47	72
West Central	51	27	38	0.25	6.45	-2.07	76
Southwest	54	29	40	0.09	7.60	-1.95	80
North Central	48	25	36	0.21	5.74	-3.49	62
Central	51	28	39	0.40	7.57	-5.10	60
South Central	54	31	42	1.55	11.16	-3.18	78
Northeast	48	26	37	0.53	9.51	-4.90	66
East Central	50	29	39	1.19	13.65	-3.00	82
Southeast	53	31	42	3.07	11.96	-6.89	63